CLAIMS

What is claimed is:

1. A method for selecting at least one signal path, the method comprising:

determining a signal quality metric for each of a plurality of signal paths;

assigning a threshold signal quality metric for the plurality of signal paths; and

discarding a signal path from the plurality of signal paths, if the determined signal quality metric for the signal path does not satisfy the threshold signal quality metric.

2. The method of claim 1, further comprising assigning a different threshold signal quality metric for each of the plurality of signal paths.

3. The method of claim 1, further comprising assigning a fixed threshold signal quality metric for each of the plurality of signal paths.

4. The method of claim 1, further comprising dynamically changing the threshold signal quality metric for each of the plurality of signal paths.

5. The method of claim 1, wherein the signal quality metric comprises at least one of a power level characteristic, a packet error rate characteristic, a bit error rate characteristic, a propagation channel characteristic, and an interference level characteristic.

6. The method of claim 1, wherein at least one of the signal paths comprises an antenna.

7. The method of claim 1, wherein each of the plurality of signal paths comprises at least one of a receive signal path and a transmit signal path.

8. A machine-readable storage having stored thereon, a computer program having at least one code section for selecting at least one signal path, the at least one code section being executable by a machine for causing the machine to perform steps comprising:

determining a signal quality metric for each of a plurality of signal paths;

assigning a threshold signal quality metric for the plurality of signal paths; and

discarding a signal path from the plurality of signal paths, if the determined signal quality metric for the signal path does not satisfy the threshold signal quality metric.

9. The machine-readable storage according to claim 8, further comprising code for assigning a different threshold signal quality metric for each of the plurality of signal paths.

10. The machine-readable storage according to claim 8, further comprising code for assigning a fixed threshold signal quality metric for each of the plurality of signal paths.

11. The machine-readable storage according to claim 8, further comprising code for dynamically changing the threshold signal quality metric for each of the plurality of signal paths.

12. The machine-readable storage according to claim 8, wherein the signal quality metric comprises at least one of a power level characteristic, a packet error rate characteristic, a bit error rate characteristic, a propagation channel characteristic, and an interference level characteristic.

13. The machine-readable storage according to claim 8, wherein at least one of the signal paths comprises an antenna.

14. The machine-readable storage according to claim 8, wherein each of the plurality of signal paths comprises at least one of a receive signal path and a transmit signal path.

15. A system for selecting at least one signal path, the system comprising:

at least one processor that determines a signal quality metric for each of a plurality of signal paths;

the at least one processor assigns a threshold signal quality metric for the plurality of signal paths; and

the at least one processor discards a signal path from the plurality of signal paths, if the determined signal quality metric for the signal path does not satisfy the threshold signal quality metric.

16. The system of claim 15, wherein the at least one processor assigns a different threshold signal quality metric for each of the plurality of signal paths.

17. The system of claim 15, wherein the at least one processor assigns a fixed threshold signal quality metric for each of the plurality of signal paths.

18. The system of claim 15, wherein the at least one processor dynamically changes the threshold signal quality metric for each of the plurality of signal paths.

19. The system of claim 15, wherein the signal quality metric comprises at least one of a power level characteristic, a packet error rate characteristic, a bit error rate characteristic, a propagation channel characteristic, and an interference level characteristic.

20. The system of claim 15, wherein at least one of the signal paths comprises an antenna.

21. The system of claim 15, wherein each of the plurality of signal paths comprises at least one of a receive signal path and a transmit signal path.